

# WEST Search History for Application 10538110

Creation Date: 2009011520:49

Query	DB	Op.	Plur.	Thes.	Date
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw)))	USPT	ADJ	YES		01-15-2009
((((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) ) and ((bandwidth or band width or passband width) same (thickness\$4 or height) same (electrode or conduct\$6 or metal\$10)))	USPT	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and ((bandwidth or band width or passband width) same (thickness\$4 or height) same (electrode or conduct\$6 or metal\$10)))	JPAB	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and ((bandwidth or band width or passband width) and (thickness\$4 or height) and (electrode or conduct\$6 or metal\$10)))	JPAB	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and ((bandwidth or band width or passband width) and (thickness\$4 or height) and (electrode or conduct\$6 or metal\$10)))	EPAB	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and ((bandwidth or band width or passband width) and (thickness\$4 or height) and (electrode or conduct\$6 or metal\$10)))	DWPI	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) and ((bandwidth or band width or passband width) and (thickness\$4 or height) and (electrode or conduct\$6 or metal\$10)))	PGPB	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw))) same ((bandwidth or band width or passband width) same (thickness\$4 or height) same (electrode or conduct\$6 or metal\$10)))	PGPB	ADJ	YES		01-15-2009

((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw)).clm. and (bandwidth or band width or passband width).clm.	PGPB	ADJ	YES		01-15-2009
((piezoelectric resonator or film bulk acoustic or fbar or sbar or thin film resonator or tfr or bulk acoustic wave resonator or bulk acoustic resonator or baw)).clm. and (bandwidth or band width or passband width).clm. ) and (electrode or metal\$10 or conduct\$8).clm. and (height or thickness\$4).clm.	PGPB	ADJ	YES		01-15-2009